

Claims

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1. A Hypertext Markup Language document transmittable to  
2 computer controlled display stations from locations  
3 remote from said display stations comprising:  
4       a first set of natural language data conveying a  
5 first version of information of a particular content  
6 displayable to users at said display stations,  
7       a first set of tags identifying said first set of  
8 natural language data,  
9       a second set of natural language data conveying a  
10 second version of condensed displayable information of  
11 the same particular content displayable to users of  
12 personal palm-type display computers connected to said  
13 remote locations, and  
14       a second set of tags identifying said second set of  
15 natural language data.

1. 2. The Hypertext Markup Language document of Claim 1  
2 wherein said natural language data comprises text data.

1. 3. The Hypertext Markup Language document of Claim 1  
2 wherein said natural language data comprises image data.

1   4. In a World Wide Web communication network with user  
2   access via a plurality of data processor controlled  
3   interactive receiving display stations for displaying  
4   received hypertext documents containing information of a  
5   particular content represented by text and images, a  
6   system for condensing the displayed text/image  
7   representations of said particular content to the smaller  
8   dimensions of personal palm-type computer displays  
9   accessing said World Wide Web network comprising:

10       a source on said World Wide Web for transmitting a  
11   Hypertext Markup Language document including:

12           a first set of natural language data conveying  
13           a first version of information of a particular  
14           content displayable to users at said receiving  
15           display stations, and

16           a second set of natural language data conveying  
17           a second version of condensed displayable  
18           information of the same particular content  
19           displayable to users of personal palm-type display  
20           computers connected to said remote locations; and  
21           a personal palm-type display computer with access to  
22   the World Wide Web including:

23           means for accessing said second set of natural  
24           language data from a received Hypertext Markup  
25           Language document.

1   5. The system of Claim 4 wherein said Hypertext Markup  
2   Language document further includes:

3           a first set of tags identifying said first set of  
4           natural language data, and

5           a second set of tags identifying said second set of  
6           natural language data.

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1 6. The system of Claim 5 wherein said means whereby said  
2 personal palm computer accesses the World Wide Web  
3 comprises:

4 a browser associated with said personal palm  
5 computer including:

6 means responsive said second set of tags to transmit  
7 said second set of natural language data to said personal  
8 palm computer.

1 7. The system of Claim 5 further including:

2 a receiving display station associated with said  
3 personal palm-type display computer, and

4 means whereby said personal palm computer accesses  
5 said World Wide Web through said receiving display  
6 station.

1 8. The system of Claim 7 wherein said means whereby said  
2 personal palm computer accesses the World Wide Web  
3 comprises:

4 a browser for said associated receiving display  
5 station including:

6 means responsive to said second set of tags to  
7 transmit said second set of natural language data to said  
8 personal palm computer.

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1 9. In a World Wide Web communication network with user  
2 access via a plurality of data processor controlled  
3 interactive receiving display stations for displaying  
4 received hypertext documents containing information of a  
5 particular content represented by text and images, a  
6 method for condensing the displayed text/image  
7 representations of said particular content to the smaller  
8 dimensions of personal palm-type computer displays  
9 accessing said World Wide Web comprising:

10 transmitting from a source on said World Wide Web, a  
11 Hypertext Markup Language document including:

12 a first set of natural language data conveying  
13 a first version of information of a particular  
14 content displayable to users at said receiving  
15 display stations, and

16 a second set of natural language data conveying  
17 a second version of condensed displayable  
18 information of the same particular content  
19 displayable to users of personal palm-type display  
20 computers connected to said remote locations; and  
21 accessing the World Wide Web with a personal palm-  
22 type display computer including the step of:

23 accessing said second set of natural language  
24 data from a received Hypertext Markup Language  
25 document.

1 10. The method of Claim 9 wherein said Hypertext Markup  
2 Language document further includes:

3 a first set of tags identifying said first set of  
4 natural language data, and

5 a second set of tags identifying said second set of  
6 natural language data.

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- 1 11. The method of Claim 10 further including:
  - 2 accessing the World Wide Web through a browser
  - 3 including the step of transmitting said second set of
  - 4 natural language data to said personal palm computer
  - 5 responsive to said second set of tags.
- 1 12. The method of Claim 9 wherein the network further
- 2 includes a receiving display station associated with said
- 3 personal palm-type display computer, and the method
- 4 includes:
  - 5 the further step of accessing the World Wide Web by
  - 6 said personal palm computer through said associated
  - 7 receiving display station.
- 1 13. The method of Claim 12 wherein said step of
- 2 accessing the World Wide Web by said personal palm
- 3 computer comprises:
  - 4 accessing the World Wide Web through a browser for
  - 5 said associated receiving display station including the
  - 6 step of:
    - 7 transmitting said second set of natural language
    - 8 data to said personal palm computer responsive to said
    - 9 second set of tags.

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1 14. A computer program having code recorded on a  
2 computer readable medium for providing condensed  
3 versions of displayable information to personal palm-type  
4 computers connected to a World Wide Web/communication  
5 network comprising:

6 a Hypertext Markup Language document transmitted on  
7 said World Wide Web including:

8 a first set of natural language data conveying  
9 a first version of information of a particular  
10 content displayable to users at said receiving  
11 display stations, and

12 a second set of natural language data conveying  
13 a second version of condensed displayable  
14 information of the same particular content  
15 displayable to users of personal palm-type display  
16 computers connected to said remote locations; and  
17 means associated with a personal palm-type display  
18 computer with access to the World Wide Web for accessing  
19 said second set of natural language data from a received  
20 Hypertext Markup Language document.

1 15. The computer program of Claim 14 wherein said  
2 Hypertext Markup Language document further includes:

3 a first set of tags identifying said first set of  
4 natural language data, and

5 a second set of tags identifying said second set of  
6 natural language data.

1 16. The computer program of Claim 15 wherein said means  
2 whereby said personal palm computer accesses the World  
3 Wide Web comprises a browser including:

4 means responsive said second set of tags to transmit  
5 said second set of natural language data to said personal  
6 palm computer.

1 17. The computer program of Claim 15 wherein said  
2 network further includes:

3 a receiving display station associated with said  
4 personal palm-type display computer, and  
5 means whereby said personal palm computer accesses  
6 said World Wide Web through said receiving display  
7 station.

1 18. The computer program of Claim 17 wherein said means  
2 whereby said personal palm computer accesses the World  
3 Wide Web comprises:

4 a browser for said associated receiving display  
5 station including:

6 means responsive said second set of tags to transmit  
7 said second set of natural language data to said personal  
8 palm computer.

1       19. In a World Wide Web communication network with user  
2       access via a plurality of data processor controlled  
3       interactive receiving display stations for displaying  
4       received hypertext documents containing information of a  
5       particular content represented by text and images, a  
6       system for condensing the displayed text/image  
7       representations of said particular content to the smaller  
8       dimensions of personal palm-type computer displays  
9       accessing said World Wide Web network comprising:

10            a source on said World Wide Web for transmitting a

11       Hypertext Markup Language document including:

12            a first set of natural language data conveying  
13            a first version of information of a particular  
14            content displayable to users at said receiving  
15            display stations, and

16            a second set of natural language data conveying  
17            a second version of condensed displayable  
18            information of the same particular content  
19            displayable to users of personal palm-type display  
20            computers connected to said remote locations.

1       20. The system of Claim 18 wherein said Hypertext Markup  
2       Language further includes:

3            a first set of tags identifying said first set of  
4            natural language data, and

5            a second set of tags identifying said second set of  
6            natural language data.

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1 21. In a World Wide Web communication network with user  
2 access via a plurality of data processor controlled  
3 interactive receiving display stations for displaying  
4 received hypertext documents containing information of a  
5 particular content represented by text and images, a  
6 method for condensing the displayed text/image  
7 representations of said particular content to the smaller  
8 dimensions of personal palm-type computer displays  
9 accessing said World Wide Web comprising:

transmitting from a source on said World Wide Web, a  
Hypertext Markup Language document including:

12 a first set of natural language data conveying  
13 a first version of information of a particular  
14 content displayable to users at said receiving  
15 display stations, and

16 a second set of natural language data conveying  
17 a second version of condensed displayable  
18 information of the same particular content  
19 displayable to users of personal palm-type display  
20 computers connected to said remote locations.

1 22. The method of Claim 20 wherein said Hypertext Markup  
2 Language further includes:

3 a first set of tags identifying said first set of  
4 natural language data, and  
5 a second set of tags identifying said second set of  
6 natural language data.

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1 23. In a World Wide Web communication network with user  
2 access via a plurality of data processor controlled  
3 interactive receiving display stations for displaying  
4 received hypertext documents containing information of a  
5 particular content represented by text and images, a  
6 system for condensing the displayed text/image  
7 representations of said particular content to the smaller  
8 dimensions of personal palm-type computer displays  
9 accessing said World Wide Web network comprising:

10 A Hypertext Markup Language document on the World  
11 Wide Web including:

12 a first set of natural language data conveying  
13 a first version of information of a particular  
14 content displayable to users at said receiving  
15 display stations, and

16 a second set of natural language data conveying  
17 a second version of condensed displayable  
18 information of the same particular content  
19 displayable to users of personal palm-type display  
20 computers connected to said remote locations; and  
21 a personal palm-type display computer with access to  
22 the World Wide Web including:

means for accessing said second set of natural language data from a received Hypertext Markup Language document.

1 24. The system of Claim 22 wherein said Hypertext Markup  
2 Language document further includes:  
3 a first set of tags identifying said first set of  
4 natural language data, and  
5 a second set of tags identifying said second set of  
6 natural language data.

1 25. The Hypertext Markup Language document of Claim 1  
2 further including:  
3       at least one additional set of natural language data  
4 conveying an additional version of condensed displayable  
5 information of the same particular content displayable to  
6 users of other personal palm-type display computers  
7 connected to said remote locations, and  
8       at least one additional set of tags identifying said  
9 at least one additional set of natural language data.

1 26. The system of Claim 5 wherein the Hypertext Markup  
2 Language document further includes:  
3       at least one additional set of natural language data  
4 conveying an additional version of condensed displayable  
5 information of the same particular content displayable to  
6 users of other personal palm-type display computers  
7 connected to said remote locations, and  
8       at least one additional set of tags identifying said  
9 at least one additional set of natural language data.

1 27. The method of Claim 10 wherein the Hypertext Markup  
2 Language document further includes:  
3       at least one additional set of natural language data  
4 conveying an additional version of condensed displayable  
5 information of the same particular content displayable to  
6 users of other personal palm-type display computers  
7 connected to said remote locations, and  
8       at least one additional set of tags identifying said  
9 at least one additional set of natural language data.

1 28. The computer program of Claim 15 wherein the  
2 Hypertext Markup Language document further includes:  
3 at least one additional set of natural language data  
4 conveying an additional version of condensed displayable  
5 information of the same particular content displayable to  
6 users of other personal palm-type display computers  
7 connected to said remote locations, and  
8 at least one additional set of tags identifying said  
9 at least one additional set of natural language data.

1 29. The Hypertext Markup Language document of Claim 1  
2 wherein said first set of natural language data includes  
3 a portion of said second set of natural language data.

1 30. The system of Claim 5 wherein said first set of  
2 natural language data includes a portion of said second  
3 set of natural language data.

1 31. The method of Claim 10 wherein said first set of  
2 natural language data includes a portion of said second  
3 set of natural language data.

1 32. The computer program of Claim 14 wherein said first  
2 set of natural language data includes a portion of said  
3 second set of natural language data.

1 33. The system of Claim 6 further including:  
2 a proxy server associated with said browser for  
3 transmitting proxy condensed versions of Web HTML  
4 documents to personal palm-type computers, and  
5 means for overriding said proxy servers to thereby  
6 permit the accessing by said palm-type computers of said  
7 second set of natural language data conveying said second  
8 version of condensed displayable data.

1 34. The method of Claim 11 including the further steps  
2 of:  
3 normally providing a condensed version of Web HTML  
4 documents to personal palm-type computers, and  
5 overriding said proxy servers to thereby permit the  
6 accessing by said palm-type computers of said second set  
7 of natural language data conveying said second version of  
8 condensed displayable data.

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